

QuickStart Guide

FortiGate/FortiWiFi

Register for Support

Register your Fortinet product to receive:

- Technical Support
- New product features
- Protection from new threats

Vous devez enregistrer le produit pour recevoir:

- Support technique
- Nouvelles fonctionnalités du produit
- Protection contre de nouvelles menaces

La reistrazione ti permette di usufruire di:

- Supporto Tecnico
- Nuove funzionalità
- Protezione dalle ultime minacce

Debe registrar el producto para recibir:

- Apoyo técnico
- Nuevas funcionalidades del producto
- Protección contra ataques

登録のお願い

本日、フォーティネット製品の登録をしてください。

登録すると次のメリットがあります。
テクニカルサポート・新機能の追加・新しい脅威への防御

请马上注册

您的飞塔产品

您在注册以后才能得到技术支持、新产品
特点信息、最新威胁防护

<http://forti.net/support>

Toll free: 1 866 648 4638

Phone: 1 408 486 7899

Fax: 1 408 235 7737

Email: register@fortinet.com

Device Guide

<http://forti.net/docs/fortigate>

Included Accessories List

Port Guide

LED Guide

Mounting Guide



September 30, 2014
01-000-245798-20140930

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Before You Begin

Write down details that you may need from your network administrator or ISP.

DSL PPPoE

Username

Password

Cable Modem DHCP

It is normal to not require a hostname but your ISP may require it.

Hostname

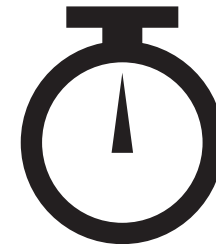
T1/E1, Static broadband, Cable, or DSL with a static IP

IP Address

Subnet Mask

Default Gateway

Primary/Secondary DNS



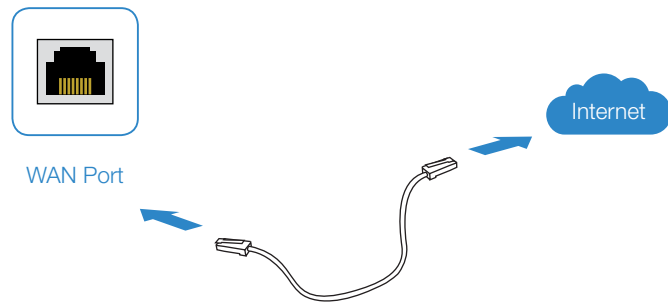
- 1 Basic Connections
- 2 FortiGate Setup Options



QuickStart Guide Video

<http://forti.net/vqsg>

1 Basic Connections



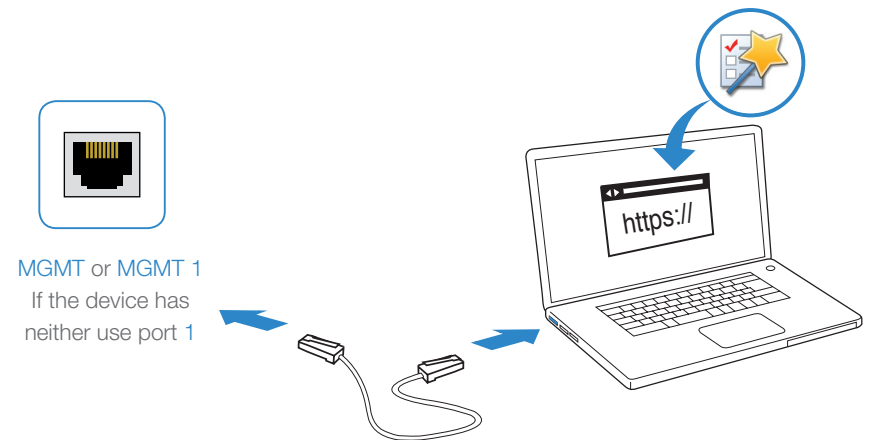
1. Connect your device to a [power source](#) and an [Internet connection](#). This is usually a modem, but could also be another device on your network.
2. **90D-PoE models only:** connect the [ground lug](#) to the device [ground screw](#).

2 FortiGate Setup Options

- | | |
|--|---|
| A Web Browser
Setup Wizard (p.5) | B Windows OS X
With FortiExplorer (p.6) |
| C Terminal Emulation
With console cable (p.7) | D iOS
FortiExplorer app configuration (pp.8-9) |

USB and console connections are not available on all models.

A Web Browser with Ethernet Cable



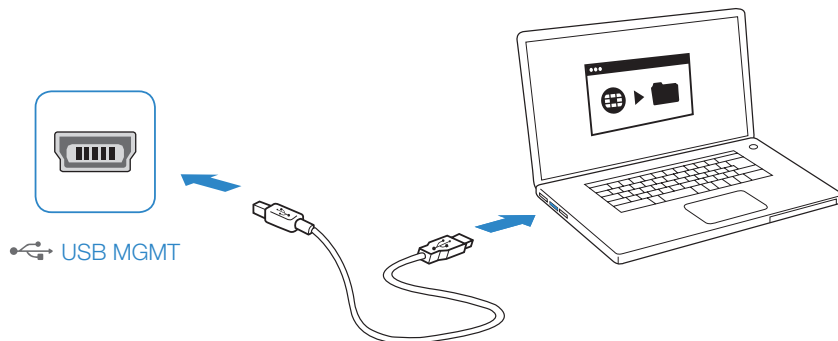
Web-based Manager

1. Connect the [Ethernet cable](#).
2. Visit [192.168.1.99](#) in your web browser.
3. Log in using username "[admin](#)" and [no password](#).
4. Click "[Wizard](#)" in the top right corner and follow the instructions.
5. [Configure your device](#) and save your settings.
6. [Register your device](#) from the dashboard page.

B Windows/OS X with USB

FortiExplorer provides direct access to your FortiGate configuration without modifying your network settings.

Other features and tools include: automatic firmware downloads, easy registration, and access to additional device resources.



1. Download FortiExplorer from <http://forti.net/fexp>.

Microsoft Windows Install

2. Connect the USB cable and launch FortiExplorer if it does not launch automatically.

Mac OS X Install

2. Open the .dmg file and drag the FortiExplorer icon to the Applications folder.
3. Connect the USB cable.
4. Open the FortiExplorer icon to launch the application.

FortiExplorer Setup Wizard

1. Follow the prompts or click "Register" to register your device with FortiCare.
2. Click "Setup Wizard".
3. Log in using username "admin" and no password.
4. Follow the steps in the Setup Wizard.
5. Click "Configure" to complete the setup of your device.

C Terminal Emulation with Console Cable

Connect to the Command Line Interface (CLI)

1. Connect the FortiGate unit console port to the management computer using a standard console cable.
2. Start a terminal emulation program on the management computer. Select the appropriate COM port and use the following settings:

Baud rate: 9600
Data bits: 8
Parity: None
Stop bits: 1
Flow control: None

3. Press Enter on your keyboard to connect to the CLI.
4. Log in using username "admin" and no password. You can now proceed with configuring your FortiGate unit.

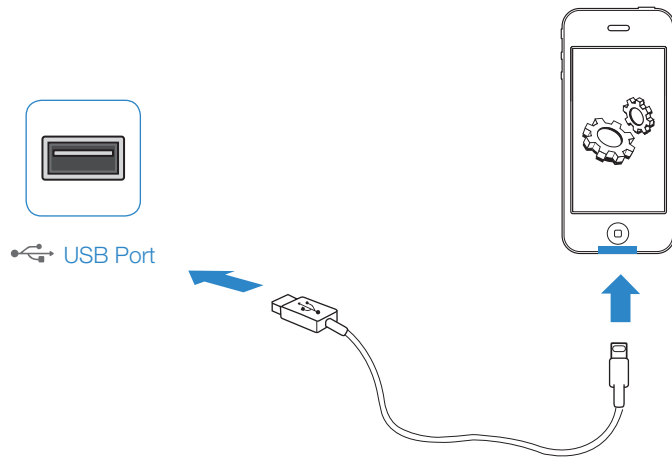
```
FortiGate # ?
config      Configure object.
get         Get dynamic and system information.
show        Show configuration.
diagnose    Diagnose facility.
execute     Execute static commands.
exit        Exit the CLI.

FortiGate # config ?
alertemail  Alert email configuration.
antivirus   AntiVirus configuration.
application Application control configuration.
client-reputation Client reputation tracking configuration
dlp         DLP configuration.
endpoint-control Endpoint control configuration.
firewall    Firewall configuration.
ftp-proxy   FTP proxy configuration.
gui         GUI configuration.
icap        ICAP client configuration.
imp2p       IM & P2P policy configuration.
ips         IPS configuration.
--More--
```

Get started by typing "?" for a list of available commands. Begin typing a command and type "?" for a list of available ways to complete the command. For example "config ?" will show the lowest level of configuration options.

For a detailed guide visit <http://forti.net/cli>.

D iOS with Apple to USB Cable



FortiExplorer App

1. Download the [iOS FortiExplorer App](http://forti.net/fexp-ios) to your device from <http://forti.net/fexp-ios>.
2. Use your Apple to USB cable to connect to the FortiGate unit's **USB port**.
3. Launch the FortiExplorer App and select your device model.
4. Log in using username "**admin**" and **no password**.
5. Configure your device.



<http://forti.net/fexp-ios>



Make remote access simple.

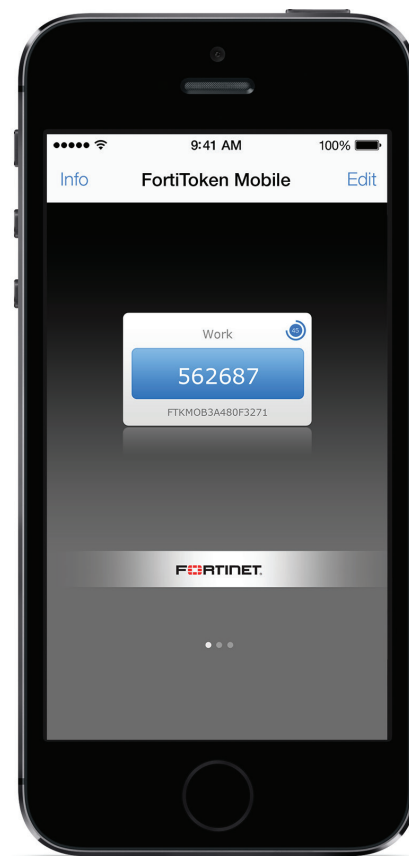
Use yourcompany.fortiddns.com instead of hard-to-remember or changing IP addresses.

Fortinet DDNS Service

Manage security on your endpoints. Keep your network clean and allow employees to bring devices. Add more client licenses via your reseller.

10 FortiClient Endpoint Licenses

Free Licenses & Services for FortiCare Registered FortiGates



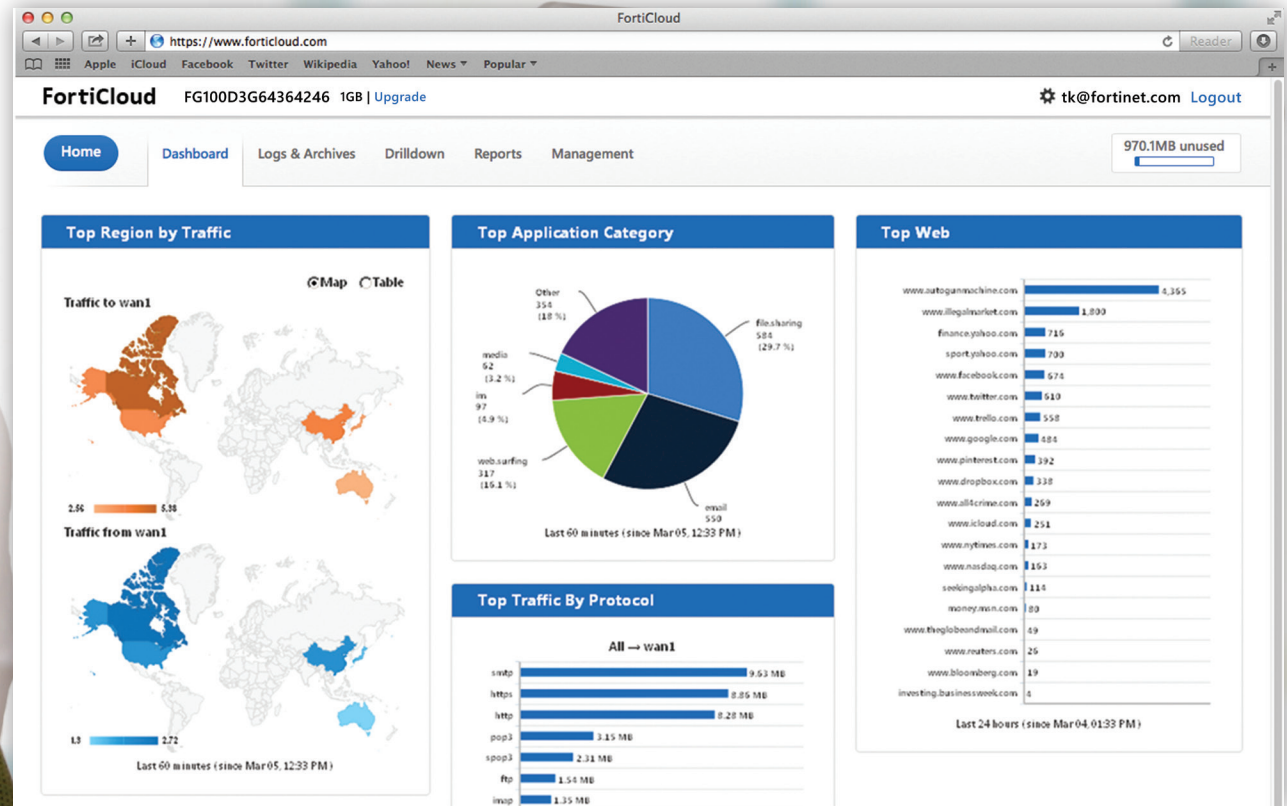
Stay extra secure by using your phone as second-factor authentication for remote administration. Get extra tokens from your reseller.

2 FortiToken Mobile Licenses

Free Licenses & Services
for FortiCare Registered FortiGates

Generate reports, backup
configurations and more with an
easy-to-use cloud based portal.

FortiCloud 1GB





Services Included with FortiCare Subscription

FortiCare is global 24/7 support for your Fortinet hardware & software

Get the latest product security updates and features. Stay with us and see the product evolve.

Firmware Updates

Use cellphone technology as backup Internet connection. We are always adding support for new third party 3G/4G + modems.

USB Modem Database Updates

Setup policies and track activities based on geography. Your **FortiGate** will intelligently identify where an IP is originated or destined.

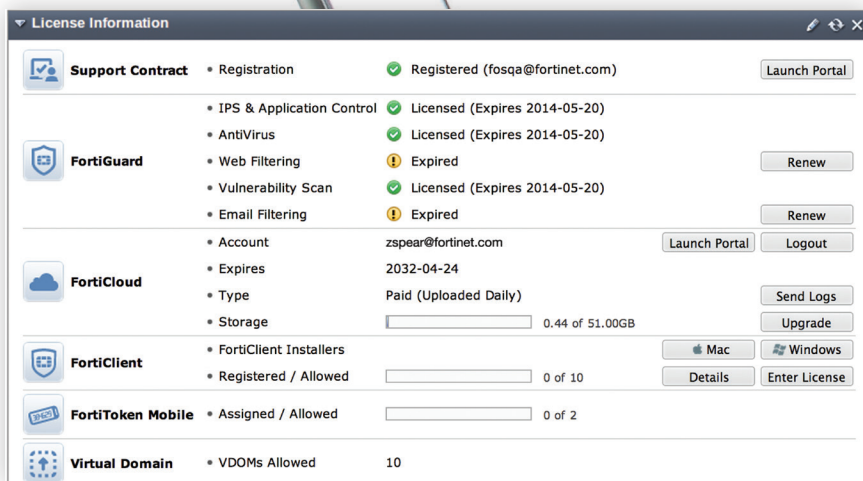
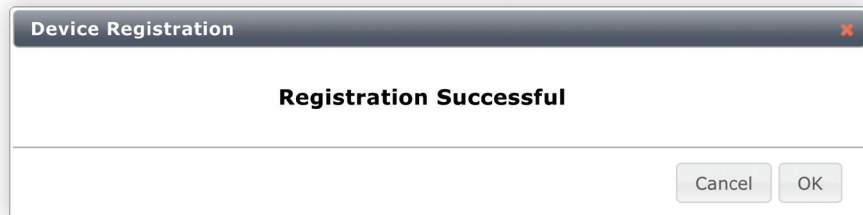
Geo-IP Database Updates

Identify device type and OS information. Great for organizations that allow employees to bring in devices and want to enforce device based policies.

Device Signatures Database Updates

First Day with FortiOS

Here are some things you can do to get started with the power and simplicity of FortiOS



1 Register and Check Services

Make sure you are registered. This will ensure that your device is protected against the latest threats.

Once this is done, check to ensure all your purchased services are enabled by visiting the [Dashboard](#). Contact your Fortinet partner if you experience any issues.

2 Run Through the Setup Wizard

Be guided through simple steps to immediately setup most important features.

3 Setup a Backup Cellular Connection

Use a [3G or 4G modem](#) as a backup or alternate Internet connection. The [Setup Wizard](#) will walk you through this. If you are unable to get a cellphone connection at the location of your FortiGate, purchase a [FortiExtender](#).





First Day with FortiOS

4 Create a WiFi Network

Reduce cabling in your office with a **FortiWifi** or **FortiAP** attached to a regular FortiGate.

After attaching a FortiAP, click **WiFi Controller > Managed Access Points > Managed FortiAPs** and enable the detected AP by clicking **Edit** then **Allow**.

5 Customize Your Firewall

Prevent incoming and outgoing traffic based on the requirements of your organization. Navigate to **Policy** then **Create New**.

6 Setup Remote Access

Securely link one office to another, or allow employees access to essential resources from locations outside the office. Navigate to **VPN** then choose **IPSec** or **SSL** and **Create New**.

7 Checkout All the Support

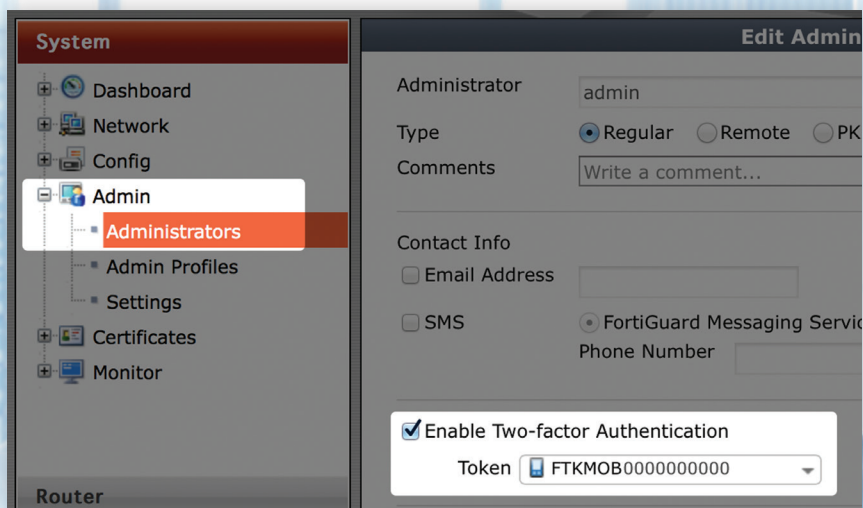
<http://forti.net/docs> has a huge range of documents to help you through every scenario.

8 Feel the Power

Your FortiGate is using **components you won't see anywhere else**. Most devices use a standard CPU that is good at most things but great at none.

Within your device is a unique SoC (System on a Chip) that combines several security-focused technologies **designed by Fortinet**. While our most powerful products have dedicated **CP** (Content Processors) and **NP** (Network Processors), our desktop models share all the groundbreaking technological discoveries at a great price and small form factor.

Day Two with FortiOS



1 Use Mobile Tokens to Double Your Security

Android and iOS devices can be used as second factor authentication. This means that someone attempting to administer the device will need both your **mobile device** and your **password** to be able to login.

Two mobile tokens are provided no-charge with your device. Please ensure that you have registered your FortiGate to enable them.

To start with, you might want to add a secondary Admin account for yourself to use remotely. It will be more secure if you use a mobile token with it.

Click **System > Admin > Administrators** from the left menu, select an administrator and **Edit** to configure the mobile token.

Users can also be assigned tokens.

2 Get Those 'Nice to Haves' Working

The **FortiGate Cookbook** is an excellent resource for a quick walkthrough on features you didn't think you had time to setup.

3 Allow Personal Devices on Your Network (BYOD)

Install FortiClient on **Android, Windows and iOS** devices. Each instance of FortiClient can connect to the FortiGate and self-install the security settings you require. Download from **FortiClient.com** and take a look at profile settings under **User & Device > FortiClient Profiles**.

4 Expand Your Wired Network

Use a FortiSwitch to maintain complete visibility and control of the network regardless of how users connect devices.

5 Start Monitoring

Once FortiCloud is enabled you can start monitoring your **bandwidth usage** and **analyzing traffic logs**. Create reports and send them in scheduled updates to those that want to be in-the-know.

Device Comparison



Related Products

Security Hub

FortiGate

Wired Networking

FortiSwitch

3G/4G Link

FortiExtender

WiFi

FortiAP

VoIP

FortiVoice

FortiExtender

Transmit a 3G/4G connection from the best location on your premise to your FortiGates as backup or primary WAN.



FortiVoice

Complete control of your business telephone communications. Easy to use, affordable and reliable.



Handset



FortiVoice Telephone System

FortiAP

Setup WiFi networks with as many access points as you need. Manage them with your FortiGate.



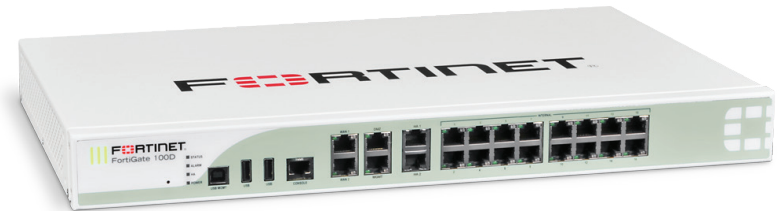
FortiGate

Enhanced security for all organizations.



60D

Secure a home office or centrally deploy security across hundreds of remote locations. WiFi option is available.



100D

More power, more high-speed ports for more hosts.

FortiSwitch

If your network is growing, the ports on your FortiGate may not end up being enough. Extend your reach by adding a FortiSwitch.



28C



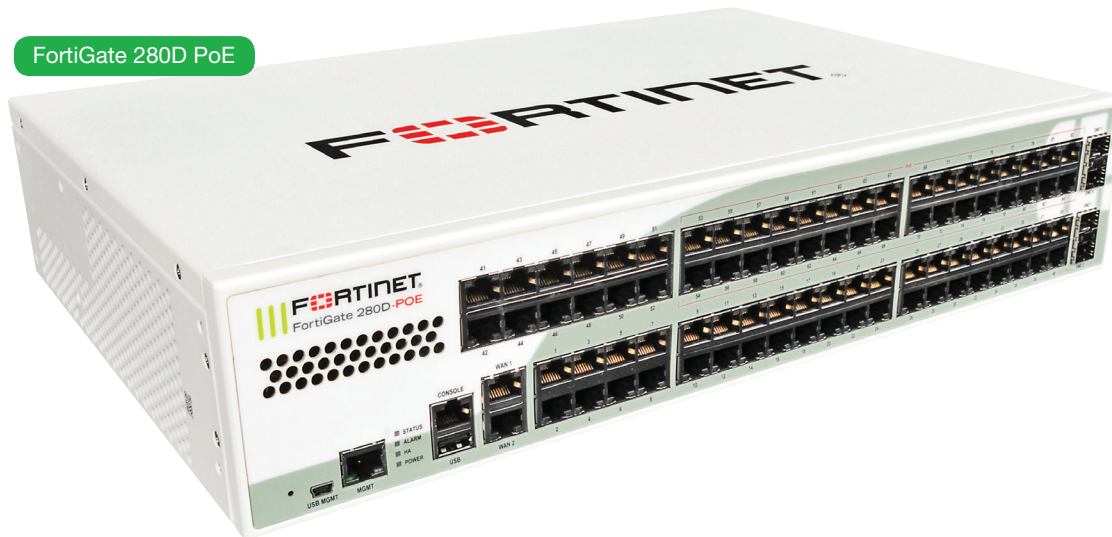
80-POE

“We went from spending roughly \$31,000 a year in support costs for two network security functionalities to \$4,000 a year for five functionalities that are proving to work better. For an organization with a tight IT budget, I don’t know how it gets better than that.”

- Roland Welsh, IT Manager, Jefferson County

Introducing FortiGate 100-200 Series

FortiGate 280D PoE



FortiFone



FortiCam



FortiAP

Network Access Controllers

Gateways with high port density, ideal for network consolidation in branch offices & BYOD environments

Device-based policies let you enforce security in a BYOD environment. Enforce security inside the network and out by tightly integrating with the FortiClient endpoint solution. Unified Access Control with integrated wireless and switch controllers.

- Desk mountable options
- High port density variants
- PoE port options

Power over Ethernet (PoE) saves the need for additional electrical wiring. Great for telephones and security cameras. Many FortiGates and FortiSwitches have a PoE option.

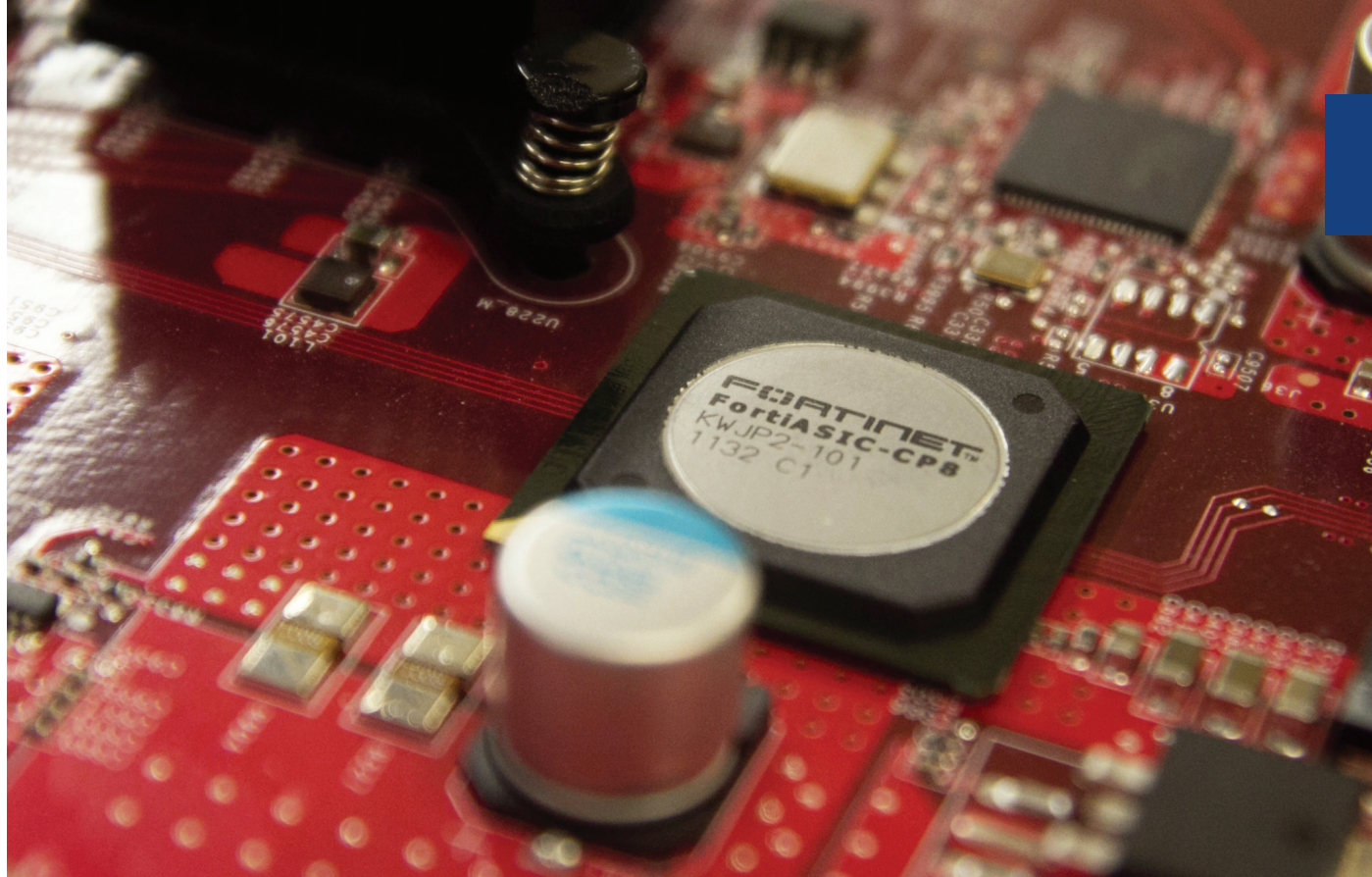
Corporate Overview

Forward looking market leadership

Fortinet pioneered an innovative, high performance network security solution. We address the fundamental problems of an increasingly bandwidth-intensive network environment and a more sophisticated IT threat landscape. We are a leading provider of network security appliances and the leader in Unified Threat Management, or UTM solutions.

Fortinet is a worldwide leading provider of UTM appliances, with a 16% year over year growth in the UTM security appliance market according to IDC Q3 2013.





Most Certified in the Industry

Fortinet is the only network security vendor to earn independent certifications across all core security technologies

Fortinet demonstrates our ability to consolidate multiple security technologies while still meeting the highest standards of performance and accuracy.



FortiASIC

Specialized chip design delivers more processing power

Fortinet's purpose-built architecture delivers extremely high throughput and exceptionally low latency and the world's fastest firewall. Computationally intensive security tasks demand ASIC acceleration. Sub 10 microseconds latency beats the competition.

The FortiGate Cookbook

Advanced installation and setup, networking, security policies and firewall objects, security profiles, SSL VPN, IPsec VPN, authentication, logging and reporting.

<http://forti.net/cookbook>

FortiGate System Administration Guide

The first steps in planning your configuration. Centralized management, tightening security, and best practices.

<http://forti.net/sysadmin>

CLI Reference

Configuration of your device using the command line.

<http://forti.net/cli>

FortiOS Handbook

Definitive guide to configuring and operating FortiOS.

<http://forti.net/handbook>

Training Services

Course descriptions, availability, schedules, and location of training programs in your area.

<http://forti.net/training>

Fortinet.com